

<b>Form 1449 (Modified)</b>  <b>Information Disclosure Statement By Applicant</b>  (Use Several Sheets if Necessary)	Atty Docket No. BRCMP007/ BP 1687 Applicant: Zheng Qi Filing Date January 8, 2002	Application No.: 10/042,019  Group 2131
--	--	---


## U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						

### Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	J	WO 01/80483	10/25/01	PCT	H04L	9/32	X	
	K							

## Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
FA	O	"Applied Cryptography, Second Edition", Schneider, B., 1996, John Wiley & Sons, New York, XP002184521, cited in the application, page 442, paragraph 18.7 – page 445.
FA	P	"SHA: The Secure Hash Algorithm Putting Message Digests to Work", Stallings, W., Dr. Dobbs Journal, Redwood City, CA, 1 April 1994, Page 32-34, XP000570561.
	Q	
Examiner		
	Date Considered	2/29/2003

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# Best Available Copy



Form 1449 (Modified)

Information Disclosure  
Statement By Applicant

(Use Several Sheets if Necessary)

Atty Docket No.  
BRCMP007/BP1687

Applicant:

Zheng Qi

Filing Date

January 8, 2002

Application No.:

10/042,019

Group

2131

## U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub- class	Filing Date

RECEIVED

DEC 03 2002

Technology Center 2100

## Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub- class	Translation	
							Yes	No
GA	A	WO 0/80483 A	25.10.01	PCT			X	

## Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
GA	B	Schneier B, "Applied Cryptography, Second Edition", 1996, John Wiley & Sons, New York US XP002184521, pages 436-445.
FA	C	Stallings W., "SHA: The Secure Hash Algorithm Putting Message Digests to Work", Dr. Dobbs Journal, Redwood City, CA, US, 1 April 1994 (1994-04-01), XP00570561, page 32-33.
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>Form 1449 (Modified)</b> <b>Information Disclosure Statement By Applicant</b> (Use Several Sheets if Necessary)	Atty Docket No. BRCMP007/BP1687	Application No.: 10/042,018
	Applicant: Zheng Qi Filing Date January 8, 2002	<b>RECEIVED</b> OCT 29 2002 Group 211 Technology Center 2100

### U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
FA	A1	5,796,836	08/18/98	Markham			08/29/95
FA	A2	5,297,206	03/22/94	Orton			10/07/92
FA	A3	6,111,858	08/29/00	Greaves <i>et al.</i>			02/18/97
FA	A4	5,943,338	08/24/99	Duclose <i>et al.</i>			08/19/96
FA	A5	6,216,167	04/10/01	Momirov			06/29/98
FA	A6	5,936,967	08/10/99	Baldwin <i>et al.</i>			11/27/96
FA	A7	5,870,474	02/09/99	Wasilewski <i>et al.</i>			12/29/95

### Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
FA	A8	Analog Devices: "ADSP2141 SafeNetDPS User's Manual, Revision 6", Analog Devices Technical Specifications, March 2000, XP002163401, 87 Pages
FA	A9	C. Madson, R. Glenn: "RFC 2403- The Use of HMAC-MD5-96 within ESP and AH", IETF Request for Comments, November 1998, XP002163402, Retrieved from Internet on 3/20/01, <a href="http://www.faqs.org/rfcs/rfc2403.html">http://www.faqs.org/rfcs/rfc2403.html</a> , 87 Pages.
FA	A10	S. Kent, R. Atkinson: "RFC 2406-IP Encapsulating Security Payload (ESP)" IETF Request for Comments, November 1998, XP002163400, Retrieved from the Internet on 3/20/01, <a href="http://www.faqs.org/rfcs/rfc2406.html">http://www.faqs.org/rfcs/rfc2406.html</a> , 5 Pages.
FA	A11	Keromytis, et al., "Implementing IPsec", Global Telecommunications Conference (Globecom), IEEE, 3 November 1997, pages 1948-1952.
FA	A12	Pierson, et al., "Context-Agile Encryption for High Speed Communication Networks", Computer Communications Review, Association for Computing Machinery, Vol. 29, No. 1, January 1999, pages 35-49.
FA	A13	Sholander, et al., "The Effect of Algorithm-Agile Encryption on ATM Quality of Service", Global Telecommunications Conference (Globecom), IEEE, 3 November 1997, pages 470-474.
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



<b>Information Disclosure Statement By Applicant</b>  (Use Several Sheets if Necessary)	Atty Docket No. BRCMP007/BP1687	Application No.: 10/042,019
	Applicant: Zheng Qi	
	Filing Date January 8, 2002	Group 2131

**RECEIVED**

**Other Documents**

OCT 29 2002

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication	Technology Center 2100
FA	B1	Smirni, et al., "Evaluation of Multiprocessor Allocation Policies", Technical Report, Vanderbilt University, Online, 1993, pages 1-21.	
FA	B2	Tarman, et al., "Algorithm-Agile Encryption in ATM Networks", IEEE Computer, September 1998, Vol. 31, No.1, pages 57-64.	
FA	B3	Wassal, et al., "A VLSI Architecture for ATM Algorithm-Agile Encryption", Proceedings Ninth Great Lakes Symposium on VLSI, 4-6 March 1999, pages 325-328.	
FA	B4	Analog Devices: "Analog Devices and IRE Announce First DSP-Based Internet Security System-On-A-Chip", Analog Devices Press Release, Online, 19 January 1999, pages 1-3. <a href="http://content.analog.com/pressrelease/prdisplay/0,1622,16,00.html">http://content.analog.com/pressrelease/prdisplay/0,1622,16,00.html</a> .	
FA	B5	3Com: "3Com Launces New Era of Network Connectivity", 3Com Press Release, 14 June 1999, pages 1-3.	
FA	B6	"Secure Products VMS115", VLSI Technology, Inc., Printed in USA, Document Control: VMS115, VI, 0, January 99, pp. 1-2.	
FA	B7	"VMS115 Data Sheet", VLSI Technology, Inc., a subsidiary of Philips Semiconductors, Revision 2:3, August 10, 1999, pp. 1-64.	
FA	B8	"Data Sheet 7751 Encryption Processor", Network Security Processors, June 1999, pp. 1-84.	
FA	B9	Senie, D., "NAT Friendly Application Design Guidelines", Amaranth Networks, Inc., NAT Working Group, Internet-Draft, September 1999, pp. 1-7.	
FA	B10	Floyd, Sally, et al., "Random Early Detection Gateways for Congestion Avoidance", Lawrence Berkeley Laboratory, University of California, IEEE/ACM Transactions on Networking, August 1993, pp. 1-32.	
FA	B11	Egevang, K., et al., "The IP Network Address Translator (NAT)", Network Working Group, May 1994, pp. 1-10.	
FA	B12	Pall, G. S., et al., "Microsoft Point-To-Point Encryption (MPPE) Protocol", Microsoft Corporation, Network Working Group, Internet Draft, October 1999, pp. 1-12.	
FA	B13	Deutsch, P., "DEFLATE Compressed Data Format Specification Version 1.3", Aladdin Enterprises, Network Working Group, May 1996, pp. 1-17.	
Examiner			Date Considered 9/2/2002

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form 1449 (Modified)	Atty Docket No. BRCMP007/BP1687	Application No.: 10/042,019
<b>Information Disclosure Statement By Applicant</b>	Applicant: Zheng Qi	<b>RECEIVED</b>
(Use Several Sheets if Necessary)	Filing Date January 8, 2002	Group OCT 29 2002 2131

Technology Center 2100

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
EW	C1	Kent, S., "IP Authentication Header", Network Working Group, November 1998, pp. 1-22
EW	C2	Kent, S., et al., "IP Encapsulating Security Payload (ESP)", Network Working Group, November 1998, pp. 1-22.
EW	C3	Maughan, D, et al., "Internet Security Association and Key Management Protocol (ISAKMP)", Network Working Group, November 1998, pp. 1-20.
EW	C4	Harkins, D., et al., "The Internet Key Exchange (IKE)", Cisco Systems, Network Working Group, November 1998, pp. 1-12.
EW	C5	Srisuresh, P., "Security Model with Tunnel-mode Ipsec for NAT Domains", Lucent Technologies, Network Working Group, October 1999, pp. 1-11.
EW	C6	Shenker, S., "Specification of Guaranteed Quality of Service", Network Working Group, September 1997, pp. 1-20.
EW	C7	Srisuresh, P., et al., "IP Network Address Translator (NAT) Terminology and Considerations", Lucent Technologies, Network Working Group, August 1999, pp. 1-30.
EW	C8	Kent, S., et al., "Security Architecture for the Internet Protocol", Network Working Group, November 1998, pp. 1-66.
EW	C9	"Compression for Broadband Data Communications", BlueSteel Networks, Inc., September 8, 1999, pp. 1-9.
EW	C10	"Securing and Accelerating e-Commerce Transactions", BlueSteel Networks, Inc., Revision 2.0, October 20, 1999, pp. 1-7.
EW	C11	"Securing Broadband Communications" BlueSteel Networks, Inc., September 8, 1999, pp. 1-10.
EW	C12	R. Sedgewick, "Algorithms in C - Third Edition", 1998, Addison Wesley XP002163543, pages 573--608
Examiner	Date Considered	
<i>[Signature]</i>	<i>1/18/2002</i>	

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☒ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**